



U.S. Department
of Homeland Security

United States
Coast Guard

LOCAL NOTICE TO MARINERS WEEKLY EDITION

District: 13

Week: 51/04

Boating Safety Classes or Information: 1-800-336-BOAT (2628)

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (oan)
915 Second Avenue, Seattle, Washington 98174-1067
Telephone (206) 220-7280 FAX # (206) 220-7265
Email: D13LNM@pacnorwest.uscg.mil
<http://www.navcen.uscg.gov/lnm/d13/>

LIGHT LIST REFERENCE: COMDTPUB P16502.6, Light List Volume VI, 2004 Edition

UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE (NIS)

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information for GPS, DGPS, and LORAN-C. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). NANU notices can also be obtained via e-mail subscription through the USCG Navigation Center website

<http://www.navcen.uscg.gov/gps/status/default.htm>.

In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or LORAN service. Mariners are encouraged to report all degradation of radio navigation services to the NIS via any of the following: Phone: 703-313-5900, Email: webmaster@navcen.uscg.mil or on the World Wide Web at: <http://www.navcen.uscg.gov>.

BROADCAST NOTICE TO MARINERS

This section contains a range of all the significant Broadcast Notice to Mariners (BNM's) on the date of this edition.

<u>Originating Unit</u>	<u>Beginning BNM</u>	<u>Ending BNM</u>
CGD THIRTEEN	D13-2203-04	D13-2229-04

ABBREVIATIONS

ACOE - Army Corps of Engineers	EST - Established Aid	KGW - Refer to Light List
ADRIFT - Buoy Adrift	EVAL - Evaluation	KGW-I - Refer to Light List
AICW - Atlantic Intracoastal Waterway	EXT - Extinguished	KRB - Refer to Light List
B - Buoy	FL - Flashing	KRB-I - Refer to Light List
BKW - Breakwater	F/S - Fog Signal	KRG - Refer to Light List
B - Refer to Light List	HAZ - Hazard to Navigation	KRG-I - Refer to Light List
BNM - Broadcast Notice to Mariner	HBR - Harbor	KRW - Refer to Light List
CG - Refer to Light List	HOR - Horizontal Clearance	KWB - Refer to Light List
CHAN - Channel	HT - Height	KWB-I - Refer to Light List
CGD - Coast Guard District	ICW - Intracoastal Waterway	KWG - Refer to Light List
CR - Refer to Light List	IMPCHA - Improper Characteristics	KWG-I - Refer to Light List
C/O - Cut Off	INL - Inlet	KWR - Refer to Light List
CONT - Contour	INOP - Not Operating	KWR-I - Refer to Light List
CONSTR - Construction	ISL - Islet	LAT - Latitude
CRK - Creek	KBG - Refer to Light List	LB - Lighted Buoy
CONST - Construction	KBG-I - Refer to Light List	LBB - Lighted Bell Buoy
DBN - Daybeacon	KBR - Refer to Light List	LHB - Lighted Horn Buoy
DBD/DAYBD - Dayboard	KBR-I - Refer to Light List	LGB - Lighted Gong Buoy
DBN/DEST - Daybeacon Destroyed	KBW - Refer to Light List	LONG - Longitude
DBN IMCH - Daybeacon Improper Characteristic	KGB - Refer to Light List	LNM - Local Notice to Mariners
DISCON - Discontinued	KGB-I - Refer to Light List	LT - Light
DMGD - Daybeacon Damaged	KGR - Refer to Light List	LT CONT - Light Continuous
	KGR-I - Refer to Light List	LWB - Lighted Whistle Buoy

MISS - Missing
MR - Refer to Light List
MR-I - Refer to Light List
N/A - Not Available
NB - Refer to Light List
N/C - Not Charted
ND - Refer to Light List
NG - Refer to Light List
NIMA - National Imagery and Mapping Agency
NL - Refer to Light List
NO - Number
NOS - National Ocean Service
NR - Refer to Light List
NW - Refer to Light List
NW - Notice Writer
NY - Refer to Light List

OBSCU - Obscured
OBST - Obstruction
OBSTR - Obstruction
PRIV - Private Aid
RBN - Radio Beacon
REBUILT - Aid Rebuilt
RECOVERED - Aid Recovered
RED - Red Buoy
REDINT - Reduced Intensity
RRL - Range Rear Light
RELIGHTED - Aid Relighted
RELOC - Relocated
RESET ON STATION - Aid Reset on Station
RFL - Range Front Light
RIV - River
SEC - Section

SG - Green Square on pile
SG-SY - Green Square with Yellow Square on pile
SHL - Shoaling
SND - Sound
STM - Statue Mile
TEMP - Temporary Aid Change
TR - Red Triangle on pile
TRLB - Temporarily Replaced by Lighted Buoy
TRLT - Temporarily Replaced by Light
TR-TY - Red Triangle with Yellow Triangle on pile
TRUB - Temporarily Replaced by Unlighted Buoy

Additional Abbreviations Specific to this LNM Edition:

LED - Light Emitting Diode
LWP - Light Watching Properly

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

WASHINGTON - PUGET SOUND - PHINNEY BAY - Hazard to Navigation

A 30ft white pleasure craft is completely submerged in Phinney Bay at high tide and partially submerged with 2ft of bow visible at low tide. The vessel is marked by a mooring ball with an orange marker in position 47-25-30N 122-39-56W. Mariners are requested to use caution while transiting in the vicinity and report any sightings to U.S Coast Guard Group Seattle via Ch 16 VHF-FM.

Chart 18448
LNM: 51/04

WASHINGTON - WHIDBEY ISLAND DGPS Off Air Approval

DGPS Whidbey Island will be unusable from 1800 to 2000Z on 18 Jan 05. The alternate time will be from 1800 to 2000Z on 19 Jan 05. For additional information or objections, contact Navigation Center DGPS Operations at (707) 765-7612.

Chart N/A
LNM: 51/04

THIRTEENTH COAST GUARD DISTRICT - Radio Frequencies

Effective 010001Z Jan 05, the U.S. Coast Guard will change the radio frequencies used for initial single sideband voice contact with its long range communications facilities as follows:

Current Ship / Shore	New Ship / Shore
4134 / 4426	4125 / 4125
6200 / 6501	6215 / 6215
8240 / 8764	8291 / 8291
12242 / 13089	12290 / 12290

Frequencies are carrier frequencies and in kilohertz.

Use is authorized for initial contact and distress traffic only.

Frequency for follow -on non-distress-related single sideband voice communications shall be as mutually arranged on initial contact.

For further information see http://www.navcen.uscg.gov/marcomms/high_frequency/call.htm.

Chart N/A
LNM: 49/04

WASHINGTON - PUGET SOUND - Construction

Caicos Corporation is working a construction project in Appletree Cove in the vicinity of the Kingston Ferry terminal. Equipment at the site includes a barge, small skiffs and tug. Construction will be conducted from 0700 to 1900 local with work around the clock as necessary until 15 Jan 05.

Construction crews may be contacted on VHF-FM Channel 10. Mariners are requested to minimize wake in the vicinity. For additional information, contact Caicos Corporation at (360) 297-5636.

Chart 18441
LNM: 49/04

WASHINGTON - ELLIOT BAY - Construction

Caicos Corporation is working a construction project at Pier 58 in Seattle. Equipment at the site includes a barge and small skiffs. Construction will be conducted from 0700 to 1900 local with work around the clock as necessary until 15 Feb 05. Construction crews may be contacted on VHF-FM Channel 10. Mariners are requested to minimize wake in the vicinity. For additional information, contact Caicos Corporation at (360) 297-5636.

Chart 18441
LNM: 49/04

OREGON - OFF SHORE - Seafloor Fuel Cells

Oregon State University scientists have deployed six experimental power sources that are 2 to 3 feet above the seafloor until Jul 05 in approximate positions 43-44-12N 124-16-48W, 43-44-24N 124-16-48W, 43-44-36N 124-16-48W, 43-56-00N 124-19-30W, 43-56-00N 124-19-15 W, and 43-56-00N 124-19-03W. For additional information, contact Oregon State University at (541) 867-0220.

Chart 18580
LNM: 49/04

THIRTEENTH COAST GUARD DISTRICT - DGPS

Effective 09 Nov 04, the U.S. Coast Guard established a DGPS broadcast site at Seneca, OR. Specifics on the new signal include: Site name – Seneca, OR, Location – 44-09-51.6N 119-03-35.4W, Frequency – 310KHZ, Baud rate – 100BPS, Broadcast site ID – 733, Reference station A ID – 214, Reference station B ID – 215, and Anticipated coverage – 300KM radius around Seneca. Additional information on the site is available at the U.S. Coast Guard website www.navcen.uscg.gov. Users may direct queries to the Commanding Officer, Coast Guard Navigation Center, 7323 Telegraph Rd, Alexandria, VA 22315, or by calling (703) 313-5900.

Chart N/A

LNM: 45/04

WASHINGTON - QUILLAYUTE RIVER - Hazard to Navigation

A green can buoy, with the marking 3A, is adrift within shoal waters at approximate position 47-54-19N 124-38-44W. Mariners are requested to use caution in the vicinity and not use this buoy for navigation.

Chart 18480

LNM: 45/04

SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
641	NOAA Lighted Buoy 46050	MISS	18007	D13-2205-04	51/04	
688	NOAA Lighted Buoy 46029	MISS	18007	D13-2208-04	51/04	
11030	St Helens Range Front Light	Damaged / Off Station	18524	D13-1066-04	38/04	
11185	Hewlett Dike Light 33	EXT	18525	D13-2222-04	51/04	
15595	Grays Harbor Channel Lighted Whistle Buoy 11	MISS	18502	D13-1093-04	39/04	
16910	Duwamish Head Light	F/S IMPCHA	18449	D13-2229-04	51/04	
17405	Olympia Shoal Light	F/S INOP	18448	D13-2204-04	51/04	
17615	Kilisut Harbor Daybeacon 8	Structure MISS / TRUB Off Station	18441	D13-0905-03	32/04	
19935	International Boundary Range C Front Light	IMPCHA / DBD Faded and Peeling	18421	D13-1191-02	38/02	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
9600	Yaquina Bay Entrance Lighted Gong Buoy 3	LWP	18561	D13-2226-04	50/04	51/04
16420	Sequim Bay Buoy 4	LWP	18441	D13-2209-04	50/04	51/04

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
687	Seaside Data Buoy	MISS	18500	D13-1175-04	42/04	
9185	North Slough Channel Daybeacon 4	IMPCHA	18587	D13-0478-04	18/04	
9190	North Slough Channel Daybeacon 8	IMPCHA	18587	D13-1144-02	36/02	
9195	Haynes Inlet Channel Daybeacon 1	IMPCHA	18587	D13-0479-04	18/04	
9205	Haynes Inlet Channel Daybeacon 5	IMPCHA	18587	D13-0480-04	18/04	
9210	Haynes Inlet Channel Daybeacon 7	IMPCHA	18587	D13-0481-04	18/04	
12930.6	Lower Middle Channel Approach Buoy E	MISS	18542	D13-0800-04	30/04	
12930.7	Lower Middle Channel Approach Buoy G	MISS	18542	D13-0954-04	34/04	

12930.9	Lower Middle Channel Approach Buoy 3	MISS	18542	D13-2134-04	48/04
12930.94	Lower Middle Channel Approach Buoy 9	MISS	18542	D13-2135-04	48/04
16747	Puget Sound Research Buoy	MISS	18441	D13-2211-04	51/04
16795	ACOE Shilshole Bay South Lighted Mooring Buoy	MISS	18441	D13-2040-04	44/04
18388	South Lake Washington Monitoring Lighted Buoy	MISS	18447	D13-2086-04	46/04
19230	Georgia Pacific Outfall Lighted Buoy	Off station	18421	D13-2115-04	47/04

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
17731	Maiculture Lighted Buoys (2)	LWP	18441	D13-2219-04	49/04	51/04

SECTION III – TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
------	----------	--------	----------	----------	--------	---------

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
None						

SECTION IV – CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only. It is up to the mariner to decide which Chart(s) are to be corrected. The following example explains the individual elements of a typical chart correction.

Chart Number ↓	Chart Edition ↓	Edition Date ↓	Last Local Notice to Mariners ↓	Horizontal Datum Reference ↓	Source of Correction ↓	Current Local Notice to Mariner ↓
18427	20 TH ed	3/18/2000	Last LNM 25/99	NAD 83	(NOS Silver Spring)	40/99
<p>Chart Title: WA – ANACORTES TO SKAGIT BAY - (Temp) Add Ben Ure Island Light 2, FI R 4s, 25ft 4M</p>						
	↑ Corrective Action	↑ Object of Correction Action				↑ Position

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

18521	71st ed	Nov 2004	Last LNM 50/04	NAD 83	(NOS NW -8533)	51/04
Chart Title: OR - WA - COLUMBIA RIVER PACIFIC OCEAN TO HARRINGTON POINT						
	Change	Tabulation	– Baker Bay West Channel (NOS NW – 10090)			
					at	46-21-59.000N 124-00-50.000W
18583	38th	Nov 2000	Last LNM 48/04	NAD 83	(CCGD 13)	51/04
Chart Title: OR - SIUSLAW RIVER						
	Change	Tabulation	– Siuslaw River (NOS NW 10041)			
					at	44-01-10.000N 124-06-18.000W
18587	69th	May 2004	Last LNM 47/04	NAD 83	(CCGD 13)	51/04
Chart Title: OR - COOS BAY						
	Change	Tabulation	– Coos Bay & Isthmus (NOS NW 8591)			
					at	43-22-51.000N 124-15-07.000W

OIL RIG MOVEMENT

Drill Rigs/Vessels Removed

<u>Latitude</u>	<u>Longitude</u>	<u>Block</u>	<u>Rigs/Vessel</u>	<u>Chart</u>	<u>Type</u>	<u>Status</u>
None						

Drill Rigs/Vessels Established

<u>Latitude</u>	<u>Longitude</u>	<u>Block</u>	<u>Rigs/Vessel</u>	<u>Chart</u>	<u>Type</u>	<u>Status</u>
None						

SECTION V - ADVANCE NOTICES

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

SUMMARY OF ADVANCED APPROVED PROJECTS

<u>Waterway</u>	<u>Project Date</u>	<u>Ref. LNM</u>
Washington – Puget Sound	Jan 2005	LNM: 45/04

The **daymark** on West Point Light (LLNR 16800) will be disestablished on or about 01 January 2005. West Point Lighthouse and associated buildings will be transferred under the National Historic Lighthouse Preservation Act to the city of Seattle. The light itself will continue to be a federal aid to navigation.

Washington – Puget Sound	Jan 2005	LNM: 46/04
--------------------------	----------	------------

The **daymark** on Mukilteo Light (LLNR 18460) will be disestablished on or about 01 January 2005. The Mukilteo Lighthouse and associated buildings were transferred in 2001 to the city of Mukilteo. The light itself will continue to be a federal aid to navigation.

SECTION VI - PROPOSED CHANGES

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office Attn John Barberi (206) 220-7276 unless otherwise noted (see banner page for address).

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

<u>Waterway</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
OREGON – UMPQUA RIVER	28 January 2005		

Navigation Aids: No longer considered necessary for safe navigation in the waterway.

Eliminate the higher intensity beam oriented up channel and reduce the nominal range to three (3) nautical miles on Umpqua River Light 21 (LLNR 9335).

Chart 18584

<u>Waterway</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
WASHINGTON – PUGET SOUND – Tacoma Harbor	28 January 2005		

Navigation Aids: Due to new/improved navigation technology (DGPS), this fog signal is no longer considered necessary for safe navigation.

Discontinue the fog signal at Dofflemyer Point Light (LLNR 17400).

Charts 18440, 18445, 18448, 18456

<u>Waterway</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
WASHINGTON – PUGET SOUND – Tacoma Harbor	28 January 2005		

Navigation Aids: Due to new/improved navigation technology (DGPS), this fog signal is no longer considered necessary for safe navigation.

Discontinue the fog signal at Thea Foss Waterway Light (LLNR 17125).

Charts 18445, 18448, 18453, 18474

<u>Waterway</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
WASHINGTON – ADMIRALTY INLET AND PUGET SOUND TO SEATTLE	14 January 2005		LNM: 49/04

Navigation Aids: To accommodate solarization of the light.

Reduce the nominal range of Point Hudson Light 4 (LLNR 16495/17525) from seven (7) to five (5) nautical miles and change the flash characteristics from ISO R 6s to flashing FL R 2.5(0.3).

Charts 18423, 18441, 18464, 18471

<u>Waterway</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
WASHINGTON – HIRAM M. CHITTENDEN LOCKS TO LAKE WASHINGTON	14 January 2005		LNM: 49/04

Navigation Aids: To accommodate the installation of a Light Emitting Diode Light (LED).

Reduce the nominal range of Lake Union Lighted Buoy 11 (LLNR 18205) from four (4) to three (3) nautical miles.

Chart 18447

<u>Waterway</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
WASHINGTON – BELLINGHAM BAY	24 December 2004		LNM: 46/04

Navigation Aids: Seeking additional public comment.

The fog signal at Bellingham Breakwater Entrance Light 2 (LLNR 19265) was discontinued on September 24, 2004. The Coast Guard is seeking additional public comment due to this action. Mariners are requested to respond in writing and state their specific navigational use of this aid to navigation.

Charts 18400, 18421, 18423, 18424

<u>Waterway</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
COLUMBIA RIVER – ST. HELENS TO VANCOUVER	17 December 2004		LNM: 45/04

Navigation Aids: To accommodate the installation of a Light Emitting Diode Light (LED).

Reduce the nominal range of Vancouver Channel Lighted Buoy 47 (LLNR 11230) from four (4) to three (3) nautical miles.

Chart 18525

SECTION VII - GENERAL

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

OREGON - Bridge Information (Revisions of LNM 09/04)

Willamette River

The Broadway Bridge at mile 11.7 will require 24 hour notification for openings from 27 Feb 04 to 13 Jan 05 due to operations related to painting.

Chart 18526

LNM: 44/04

WASHINGTON - Bridge Information

Spokane Street Swing Bridge

The Spokane Street Swing Bridge requests a 30 minute notice prior to the opening of the bridge during fog conditions.

Chart 18449

LNM: 51/04

WASHINGTON - Bridge Information (Revision of LNM 35/04)

Tacoma Narrows Bridge

Construction - Barges and other equipment will be deployed at various locations around the piers of the new parallel bridge currently under construction. Mariners should be alert to anchor cables and give all equipment a wide berth. Tower cranes will be mounted to the new piers (towers) and will swing wide with the possibility of accidental fall of material. Vessels and divers are advised to avoid the area within a 500-foot radius of the piers at 47-15-54N 122-32-49W and 47-16-15N 122-33-15W. Buoys mark the end of storm water outfall located approximately at 47-16-05N 122-33-32W.

Charts 18448, 18474

LNM: 41/04

WASHINGTON - Bridge Information

Hood Canal

The Hood Canal Bridge is unable to open on incoming tides until further notice.

Chart 18476

LNM: 33/04

WASHINGTON - Bridge Information

Everett

State Route 529 Swingspan Bridge across Steamboat Slough at Everett is inoperable due to mechanical failure until further notice.

Chart 18443

LNM: 36/03

Bridge Lighting Discrepancies:

Lights on the following bridges have been reported extinguished.

Waterway and Mile	Bridge Name	Location	Status	Date reported	BNM	LNM
Snake River	US HWY 12 Bridge	WA	EXT	21 Dec 04	2223-04	51/04

Bridge Lighting Discrepancies Corrected:

The following bridge discrepancies have been corrected since the last Local Notice to Mariners:

Waterway and Mile	Bridge Name	Location	Status	Date reported	BNM	LN
None						

THIRTEENTH COAST GUARD DISTRICT - Request for information on the use of large-scale driftnets on the high seas (Revision to LNM 09/04)

The United States Coast Guard (USCG) requests mariners be on the lookout for and report any observed driftnets or vessels engaged in driftnet fishing on the high seas (more than 200NM from shore). Sighting information may be made to any of the following Coast Guard offices:

Offices	Phone	Fax	Telex	Email
USCG Pacific Area Alameda, CA Commander (Poo) Coast Guard Island, 51-5 Alameda, CA 94568	1-800-246-7236 1-510-437-3701	1-510-437-3017	230172343	OD11/Pacarea@d11.uscg.mil
USCG 14th District Honolulu, HI Commander D14 (ole) 300 Ala Moana Blvd Honolulu, HI 96850-4982	1-800-331-6176 1-808-541-2500	1-808-541-2123		D14ccdutyofficer@D14.uscg.mil
USCG 17th District Juneau, AK Commander D17 (ole) PO Box 25517, Rm 771 Juneau, AK 99802-5517	1-800-478-5555 1-907-463-2000	1-907-463-2023	49615066	D17-cc@cgalaska.uscg.mil

Illegal high seas driftnet (HSDN) fishing has historically been conducted in the Northwest Pacific Ocean. Mariners following great circle routes between North America and Asia are most likely to encounter this activity. Fishing activity normally takes place between 01 Apr and 31 Aug. However, illegal activity may occur in other areas and at other times of the year.

Information desired include date, time, position, description of gear/vessel, name of vessel, home port and observed activity. Video or photographs are highly desired and can be mailed or emailed to any of the offices above.

HSDN Fishing Vessel Characteristics:

HSDN fishing vessels typically range from 120 to 200 feet in length and are usually in fair to poor condition. Distinguishing characteristics include:
Net tube: A large, usually white tube, which extends from the working deck to the net bin located aft. This tube is about two feet in diameter, runs along the port or starboard side of the superstructure, and is clearly visible from both the surface and air.
Net bin: A structure normally located on an aft deck in which the nets are stored.

Net spreader: A triangular or roller net spreading device, which prevents the net from becoming entangled as it enters the water. While only visible from the stern, this is one characteristic, which clearly distinguishes a HSDN fishing vessel from a longline or other fishing vessel.

Transponders: The radio transponders are approximately 4-6 ft tall, are used to mark the end of a net and are normally stored in racks on the weather decks.

When the net is in the water, it is normally suspended using cylindrical floats spaced every few feet, similar to swimming pool lane markers, with the ends of the nets marked with radio transponders. Other types of floats may be used, including larger spherical floats about 2-3 ft in diameter. The driftnets may vary from a couple hundred yards to several nautical miles in length.

Chart N/A LNM: 32/04

THIRTEENTH COAST GUARD DISTRICT - Reporting suspicious activity

The Department of Homeland Security (DHS) encourages the maritime public to report information concerning suspicious activity to the National Response Center (NRC) at (800) 424-8802. The U.S. Coast Guard reminds the maritime industry that they may also report information concerning activity to their Local Federal Bureau of Investigation (FBI) Joint Terrorism Task Force (JTTF) Office, <http://www.fbi.gov/contact/fo/fo.htm>, or to other appropriate authorities. Individuals can contact the DHS Watch and Warning Unit at (202) 323-3205, toll free at (888) 585-9078, or by e-mail to nipc.watch@fbi.gov.

Chart N/A LNM: 15/03

COLUMBIA RIVER - ASTORIA - Construction Projects (Revision of LNM 45/02)

Marine construction activities are scheduled near Astoria on the Oregon side of the Columbia River at the Port of Astoria's Pier III near river mile 11. This is a long-term project that is expected to last until 2005. Mariners should use caution near the 1100-foot pier, as piles may not be visible at high tide. For questions concerning the long-term Pier III project contact the Port of Astoria at (503) 325- 4521.

Chart 18521 LNM: 35/03

OREGON / WASHINGTON - COASTAL REGION - Tsunami Reporting System

As part of the Pacific Tsunami Reporting System the following surface buoys have been deployed by NOAA. Each buoy is a 2.5-meter disk, red and white in color, with the word "TSUNAMI" on it. Each buoy has a "FL Y 4s" light.

Buoy 46404	45-51-32N, 128-46-40W
Buoy 46405	42-54-10N, 130-54-32W
Buoy D - 127	45-31-26N, 127-35-38W

Chart 501 LNM: 29/03

OREGON / WASHINGTON - COASTAL REGION - NOAA

NOAA buoys 46404 and 46405 have been temporarily discontinued.
Chart 501

LNM: 14/04

COLUMBIA AND SNAKE RIVERS - 2004 Winter Seasonal Lockage Schedule for Recreational Craft

The U.S. Army Corps of Engineers, Walla Walla and Portland Districts, have implemented the 2004/2005 winter seasonal lockage schedule, which is effective from 16 September 2004 to 14 May 2005 for the passage of recreational craft through the following navigation locks:

Walla Walla District Locks			Portland District Locks		
Navigation Lock	Location	Chart	Navigation Lock	Location	Chart
McNary Dam	Columbia River Mile 292	18539	Bonneville Dam	Columbia River Mile 145	18531
Ice Harbor Dam	Snake River Mile 9.7	18545	The Dalles Dam	Columbia River Mile 191	18533
Lower Monumental Dam	Snake River Mile 41.6	18545	John Day Dam	Columbia River Mile 216	18535
Little Goose Dam	Snake River Mile 70.3	18546			
Lower Granite Dam	Snake River Mile 107.3	18548			

When a recreational vessel lockage schedule is in effect, recreational vessels will only be allowed to lock through at the times designated for such lockages and they will take precedence over commercial vessels. Commercial vessels will continue to be locked through upon arrival except during the times specified for recreational vessel lockages. At the discretion of the lock operator, recreational vessels may be allowed to lock through with commercial craft. All vessel owner/operators lock through at their own risk. Follow the directions of the lock operator when using the locks or operating in the vicinity of the locks. The lock operator has the final authority on the suitability of a craft for lockage. Refer to the U.S. Army Corps of Engineers Safe Lockage Policy for Recreational Craft on the Columbia and Snake Rivers for additional safety requirements. For additional information on this matter or copies of the Safe Lockage policy, visit the following website: <http://www.nwp.usace.army.mil/op/s/nl> or contact the Walla Walla District at (509) 527-7115/(509) 527-7113 or the Portland District at (503) 808-4332/(503) 808-4333.

The three Portland District Locks and the five Walla Walla District Locks will use the same lockage schedule making the lockage times for the entire Columbia/Snake River system identical for recreational vessels. The following seasonal recreational craft lockage schedule will be implemented beginning 16 Sep 2004:

Traffic Direction	Times
Upstream Lockages	8:00 a.m. 11:00 p.m. 3:00 p.m.
Downstream Lockages	8:30 a.m. 11:30 p.m. 3:30 p.m.

Consideration will be given for special lockages to flotillas or other unique events sponsored by yacht clubs, marinas, and other groups, provided advance (24 hours) arrangements have been made with the appropriate operations manager or their appointed representative. The following project office and operations managers should be contacted for scheduling of special lockages:

Project	Operations Managers	Phone Number	Alternate Number
Bonneville	Chief Operator on Duty	(541) 374-8323	N/A
The Dalles	Chief Operator on Duty	(541) 298-4007	N/A
John Day	Chief Operator on Duty	(541) 298-9712	N/A
McNary	Randell Ryan	(541) 922-2251	(541) 922-3214
Ice Harbor	Scott Sutliff	(509) 543-3251	(509) 547-7783
Lower Monumental	Matt Allen	(509) 282-7353	(509) 282-3218
Little Goose Project	Scott Ross	(509) 399-2233 x253	(509) 399-2233 x231
Lower Granite Project	Martin Mendiola	(509) 843-1493 x258	(509) 843-1493 x231

Chart N/A

LNM: 37/04

SNAKE RIVER - LOWER MONUMENTAL NAVIGATION LOCK - Damage

Due to recent contact with a barge, the upstream concrete guidewall on the north side of the Lower Monumental Lock, at Snake River Mile 41.6, has experienced damage to the concrete and steel reinforcement. The damaged area starts at the upstream end of the concrete at its intersection with the floating guidewall, and extends approximately 40 feet along the top edge of the concrete toward the lock chamber. Although nothing is protruding into the lock approach, there are still small pieces of exposed steel along the upper edge of the guidewall. Mariners are requested to use caution to avoid contact with the wall in this area. For additional information, contact the Army Corps of Engineers at (509) 527-7115.

Chart 18545

LNM: 40/04

WASHINGTON - STRAIT OF JUAN DE FUCA - Puget Sound Vessel Traffic Services Measure (33CFR161.11)

In support of the Cooperative Vessel Traffic Services (CVTS) Agreement all vessels over 300GT inbound for the U.S. via the Strait of Juan De Fuca are required to submit a 24 hour CVTS offshore advancement report. Follow the IMO Standard Ship Reporting system (Resolution A.648 (16), MSC/WP6). Submit the report using the methods below.

- Via e-mail, rmic-pacific@pac.dfo-mpo.gc.ca<<mailto:rmic-pacific@pac.dfo-mpo.gc.ca>>
- Via INMARSAT telex 04352586 "CGTC VAS VCR"
- Via any Canadian Coast Guard MCTS Centre, free of charge
- Or directly to CVTS Offshore by FAX: 604-666-8453

For additional information, contact Vessel Traffic Services, Puget Sound at (206) 217-6051.

Chart N/A

LNM: 29/04

WASHINGTON - STRAIT OF JUAN DE FUCA - PUGET SOUND - Security Zone of Passenger Vessels (Revision to LNM 06/03)

The Coast Guard is establishing a temporary moving security zone of 500 yards surrounding passenger vessels while within the waters of Puget Sound and adjacent waters. A passenger vessel is defined as any vessel over 100 feet in length (33 meters) carrying passengers for hire such as auto ferries, cruise ships, passenger ferries, and excursion vessels. All vessels within 500 yards of a passenger vessel shall operate at the minimum speed necessary to maintain a safe course and shall proceed as directed by the Official Patrol or passenger vessel master. The Official Patrol will consist of a Coast Guard patrol, Federal Law Enforcement officer or a General Authority Washington Peace Officer, Limited Authority Washington Peace Officer, Specially Commissioned Washington Peace Officer, or the passenger vessel master. This order is issued under the authority of the Ports and Waterways Safety Act, Title 33, U. S. Code 1221 et. Seq., and the regulations issued thereunder, Title 33, Code of Federal Regulations Part 165.

Physical Boundaries: The following area is a security zone: All waters of Puget Sound, Washington State east of 123-30-00W [Datum: NAD 1983] within a 500 yard radius centered on passenger vessels while they are underway, anchored or moored.

Special Rules: All vessels within 500 yards of a passenger vessel shall operate at the minimum speed necessary to maintain a safe course, and shall proceed as directed by the Official Patrol or the passenger vessel master. No vessels will be allowed to transit this area without the permission of the Coast Guard, the Official Patrol or the passenger vessel master. Penalties for violating the zone: The Ports and Waterways Safety Act prescribes that whoever violates an order issued under the act is liable to a civil penalty of not more than \$27,500 for each violation. Each day of continuing violation shall constitute a separate violation. If such a violation is willful, you are subject to a criminal penalty of not more than \$250,000 and/or six years imprisonment. This criminal penalty is classified as a class "D" felony under federal law. Contact the Coast Guard Marine Safety Office, Puget Sound at (206) 217-6215 or VHF-FM Channel 16 for more information.

Chart N/A

LNM: 32/03

WASHINGTON - HOOD CANAL - Surface / Subsurface Operations

Naval Undersea Warfare Center (NUWC) Keyport Division is operating an Undersea Unmanned Vehicle in the vicinity of Hazel Point to South Hood Canal at approximate position 47-44-00N 122-44-18W, from 0600 to 2300 local, from 15 Oct 04 to 31 Jan 05. Navy vessels US Navy Barge YC-1635, a small boat, and a Dabob Range guard boat will also participate in the operations. Mariners are requested to use caution in the area. For additional information, mariners can contact Navy Barge YC-1635 on VHF-FM Channels 16 / 88 or call (360) 621-4378.

Chart 18445

LNM: 42/04

WASHINGTON - PUGET SOUND - SEATTLE TO BREMERTON - Ongoing Construction of Pier 36

During ongoing construction at Pier 36 that is expected to be completed September 2005, barges will be moored on the western face of Pier 36 sporadically. Barges will be marked with white flashing lights on the west corners and extend off the face no more than 110 ft. Mariners are requested to exercise caution in the vicinity of Pier 36.

Chart 18449

LNM: 33/03

WASHINGTON - PUGET SOUND - Acoustic Buoys (Revision of LNM 25/04)

Evans-Hamilton, Inc has deployed two acoustic doppler current meters (ADCPs) in approximate positions 47-45-44.1N 122-23-56.4W and 47-46-43.4N 122-24-40.2W. The instruments are in aluminum cages resting on the sea floor with no surface expression and will remain in place until early Jan 05.

For additional information, contact Evans -Hamilton, Inc at (206) 526-5622.

Chart 18441

LNM: 42/04

WASHINGTON - PUGET SOUND - Geoduck Harvesting

Geoduck harvesting will be conducted in the area of Point Heyer (east side of Vashon Island) and in Pitt Passage (west side of McNeil Island) from 11 Oct 04 to 28 Jan 05. These operations will take place from 0800 until 1600 local, Monday through Friday, excluding state holidays. The Department of Natural Resources patrol boat will be onsite and monitoring VHF-FM Channel 8. Vessels transiting the area are requested to stay 300ft clear of divers. For additional information, contact the Washington Department of Natural Resources at (360) 902-1100.

Charts 18448,18474

LNM: 40/04

WASHINGTON - PUGET SOUND - DUWAMISH WATERWAY - Submerged Barge (Revision of LNM 05/03)

Six barges rather than the one barge previously reported in December 2002, have sunk in the Duwamish Waterway approximately 150 yards south of the 1st Avenue Bridge and are protruding into the west side of the channel. The owner of the partially submerged barge has marked the corner in the channel with a red float and a quick flashing red light. Attempts to salvage the barge have been unsuccessful. An announcement will appear in this publication as changes occur. Contact the Army Corps of Engineers at (206) 764-3429 for more information.

Chart 18450

LNM: 16/03

SECTION VIII – LIGHT LIST CORRECTIONS

An Asterisk *, indicates the column in which a correction has been made to new information

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
None							

PUBLICATION CORRECTIONS

None

ENCLOSURES

Oregon - Washington - Columbia River - Dredging Operations >See Append 1<
 Columbia River Tabulation - BAKER BAY WEST CHANNEL >See Append 2<
 Siuslaw River Tabulation - SIUSLAW RIVER >See Append 3<
 Coos Bay Tabulation - COOS BAY & ISTHMUS >See Append 4<

If you have any questions, comments, or need additional information concerning this or other LNMs (e.g. additions, deletions, corrections) contact the address or phone number on the front page.

D. R. McCRIMMON, JR.
 Commander, U.S. Coast Guard
 Chief, Aids to Navigation & Waterways Management Branch
 Thirteenth Coast Guard District
 By direction of the District Commander

OREGON – WASHINGTON – COLUMBIA RIVER – Dredging Operations

Dredging operations are planned or in progress at the following locations :

Start Date	End Date	Times	Location	Dredge Vessel	Assist Vessel	Channels Monitored	Disposal Area	LNМ
16 Aug 04	15 Feb 05	0700-1900 Mon - Fri	<u>Duwamish River</u>	DB Seattle		14 and 16 VHF-FM	Terminal 25	32/04
19 Jul 04	15 Feb 05	0500-1800 Mon - Fri	<u>East Waterway</u>	Mason Derrick	Olympic Tug, Rebel and Minnie	8 and 14 VHF-FM	Terminal 25 and Elliott Bay	28/04
14 Dec 04	03 Jan 05	0600 - 1800	<u>Thea Foss Waterway</u> Between 11th St Bridge and 509 Fixed Span Bridge	Andrew	Wollochet	11, 13 and 16 VHF-FM	St Paul Waterway	50/04
02 Dec 04	02 Jan 05	0700-2400 Mon - Sat	<u>Port of Kalama</u>	Dredge 10		13 and 16 VHF-FM	Vicinity of the grain elevator	48/04
16 Jul 04	Dec 04	24 hours 6 days	<u>Blair Waterway</u>	Vulcan	Gladys M Wollochet	13, 14 and 66 VHF-FM	Blair Waterway Slip 5 and PSSDA	28/04

*US Army Corps of Engineer dredges request mariners transit at their slowest safe speed to minimize wake when in the vicinity of a dredge and proceed after passing arrangements have been made.

CHART 18521

BAKER BAY WEST CHANNEL							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE TO 46°16'17.91"N 124°01'50.00"W	11	17	16	8-04	150	1.3	10
46°16'17.91"N 124°01'50.00"W TO FORT CANBY	8	15	14	4-04, 8-04	150	1.3	10
THENCE TO ILWACO	14	15	14	4-04	150	0.9	10
MOORING BASIN A B	3	3	3	1980	-	-	-
A. SHOALING TO 2 FEET ON RIGHT HALF, BETWEEN THE BREAKWATERS. B. BASIN LOCALLY MAINTAINED. NO RECENT SURVEYS AVAILABLE. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

CHART 18583

SIUSLAW RIVER							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2004 AND SURVEYS TO NOV 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE TO HIGHWAY BRIDGE	9	10	11	9,11-04	300-200	5.0	18-16
TURNING BASIN	11	8	6	11-04	400	0.3	16
TURNING BASIN TO CUSHMAN	7	8	8	7-99;11-04	150	2.1	12
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

CHART 18587

COOS BAY AND ISTHMUS SLOUGH CHANNEL DEPTHS							
TABULATED FROM SURVEYS AND REPORTS BY THE COPRS OF ENGINEERS - SURVEYS AND REPORTS TO SEP 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE RANGE	38	39	39	8-04, 9-04	---	1.9	47-37
ENTRANCE RANGE AND TURN	38	46	29	8-04	300-1050	0.5	37
INSIDE RANGE	37	38	36	8-04	300	0.6	37
COOS BAY RANGE	36	38	35	8-04, 9-04	300	1.6	37
EMPIRE RANGE	35	38	39	9-04	300	1.3	37
LOWER JARVIS RANGE	38	38	37	9-04	300	0.8	37
JARVIS TURN	38	38	35	9-04	300	0.5	37
UPPER JARVIS RANGE	33	35	35	9-04	300-700	1.9	37
NORTH BEND LOWER RANGE	38	38	34	9-04	400	0.4	37
NORTH BEND RANGE	29	37	35	6-04	400	0.9	37
NORTH BEND UPPER RANGE	30	38	32	6-04	400	0.6	37
LOWER TURNING BASIN	36	37	35	6-04	400-900	0.3	37
FERNDALDE LOWER RANGE	37	38	38	8-04	400	0.4	37
FERNDALDE TURN	29	38	38	8-04	400	0.2	37
FERNDALDE UPPER RANGE	23	37	34	8-04	400	0.7	37
MARSHFIELD RANGE	36	34	31	8-04	400	0.4	37
MARSHFIELD RANGE TO ISTHMUS SLOUGH	33	31	31	8-04	150-750	0.9	37
ISTHMUS SLOUGH	19	20	19	4-85	150	2.0	22
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							